

Ser. No. 09/695,562
Response to Action of 18 December 2002
Atty Docket 117163-4

- 2 -

Amendments to the Claims

1. (previously cancelled)
2. (previously amended) The stent as set forth in claim 17 wherein the coating has a non-uniform thickness.
3. (previously amended) A stent as set forth in claim 2 wherein the coating is completely missing at least one location on the surface of the stent.
4. (previously amended) A stent as set forth in claim 3 wherein the coating is interrupted in a grid-like pattern.
- 5, 6. (cancelled)
7. (previously amended) The stent as set forth in claim 17 wherein the coating islands are all of substantially the same size.
- 8-10. (cancelled)
11. (previously amended) The stent as set forth in claim 17 wherein the coating comprises biocompatible material.
- 12, 13. (cancelled)
14. (previously amended) The stent as set forth in claim 18 wherein the coating islands are all of substantially the same size.
- 15, 16. (cancelled)

Ser. No. 09/695,562

- 3 -

Response to Action of 18 December 2002

Atty Docket 117163-4

17. (currently amended) A stent having a surface with a non-uniform ~~an irregular~~ coating formed thereon,

wherein the non-uniform ~~irregular~~ coating comprises coating islands,

wherein the coating islands are substantially round,

wherein the spacing of the coating islands is dependent upon the degree of local

stretching during radial expansion, and

wherein the coating islands are arranged at a greater spacing in regions involving a greater degree of local stretching of the stent surface upon stretching of the stent than in regions involving a lesser degree of local stretching of the stent surface.

18. (currently amended) A stent having a surface with a non-uniform ~~an irregular~~ coating formed thereon,

wherein the non-uniform ~~irregular~~ coating comprises coating islands,

wherein the coating islands are substantially round,

wherein the spacing of the coating islands is dependent upon the degree of local

stretching during radial expansion, and

wherein the coating islands are smaller in regions involving a greater degree of local stretching of the stent surface upon stretching of the stent than in regions involving a lesser degree of local stretching of the stent surface.

19. (cancelled)

20. (previously added) The stent as set forth in claim 18 wherein the coating has an non-uniform thickness.

21. (previously added) The stent as set forth in claim 20 wherein the coating is completely missing in at least one location on the surface of the stent.

22. (previously added) The stent as set forth in claim 21 wherein the coating is interrupted in a patterned configuration.

Ser. No. 09/695,562

- 4 -

Response to Action of 18 December 2002

Atty Docket 117163-4

23. (previously added) The stent as set forth in claim 18 wherein the coating comprises biocompatible material.

24, 25. (cancelled)